

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kazuya Mitsuhashi et al. Art Unit : Unknown  
Serial No. : Examiner : Unknown  
Filed : December 31, 2003  
Title : D-AMINOACYLASE AND ENCODING GENE

Mail Stop Patent Application  
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Alexandria, VA 22313-1450

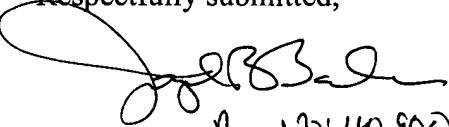
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/770,517, filed on January 26, 2001. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

  
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14879-072002	Application No.
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Kazuya Mitsuhashi et al.	
		Filing Date	Group Art Unit
(37 CFR §1.98(b))			

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	EP 0896057A2	02/10/99	EPO	C12N	9/80		
	AF	EP 0976828A1	02/02/00	EPO	C12N	15/55		
	AG	WO 00/23598	27/04/00	PCT	C12N	15/55		
	AH							

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AI	Makiko Sugie et al., "Optical Resolution of DL-Amino Acids with D-Aminoacylase of <i>Streptomyces</i> ", <i>Agric. Biol. Chem.</i> , 44(5), 1089-1095, 1980
	AJ	Kubo et al., "Deacetylation of PS-5, A New $\beta$ -Lactam compound III. Enzymological Characterization of L-Amino Acid Acylase and D-Amino Acid Acylase from Pseudomonas SP. 1158, <i>J. Antibiot.</i> , 33:556-565, 1980
	AK	Moriguchi et al., "Purification and Characterization of Novel N-Acyl-D-asparate Amidohydrolase from Alcaligenes xylosoxydans subsp. xylosoxydans A-6", <i>Biosci. Biotech. Biochem.</i> , 57:1145-1148, 1993
	AL	Sakai et al., "Purification and characterization of N-acyl-D-glutamate deacylase from Alcaligenes xylosoxydans A-6", <i>FEBS</i> , 289:44-46, 1991
	AM	Sakai et al., "Purification and Properties of D-Aminoacylase from Alcaligenes denitrificans subsp. xylosoxydans MI-4", <i>J. Ferment. Bioeng.</i> , 71:79-82, 1991
	AN	Sugie et al., "Purification and Properties of D-Aminoacylase of <i>Streptomyces olivaceus</i> ", <i>Agric. Biol. Chem.</i> 42:107-113, 1978
	AO	Wakayama et al., "Primary Structure of N-Acyl-D-Glutamate Amidohydrolase from Alcaligenes xylosoxydans subsp. xylosoxydans A-6", <i>J. Biochem.</i> , 118:204-209, 1995
	AP	Wakayama et al., "Cloning and Sequencing of a Gene Encoding D-Aminoacylase from Alcaligenes xylosoxydans subsp. xylosoxydans A-6 and Expression of the Gene in <i>Escherichia coli</i> ", <i>Biosci. Biotech. Biochem.</i> , 59:2115-2119, 1995

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	